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1/KWIC/1 (Item 1 from file: 2)
Abstract: ...AFD), and Level Cross Rate (LCR) channel's characteristics. Moreover, we propose a new Explicit Spiral -Interleaved (ESI) flexible macroblocks ordering technique, which outperforms all other FMO types. The new ESI... ...maximize the number of correctly received macroblocks located around corrupted macroblocks, leading to better error concealment . The proposed scheme greatly improves video transmission quality over lossy wireless transmission channels. Simulations results...
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1/KWIC/2 (Item 2 from file: 2)
Title: A sequential error concealment technique based on spiral recovery order
Abstract: This paper presents a sequential error concealment (EC) method to combat the packet loss of the video/image transmission over the unreliable... ...and its neighborhood. To keep better pixel fidelity, the recovery process is conducted in a spiral manner. Experiments show that it outperforms the traditional classic EC method 1-2 db in...
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1/KWIC/3 (Item 3 from file: 2)
Abstract: Discusses the results of ASCA and ROSAT observations of the spiral galaxy NGC 3628, which has been previously classified as a starburst. However, X-ray variability... ...with a photon index Gamma ~1.2, the low statistical quality of the data may conceal a more complex spectrum. However, the observed spectrum appears to be much flatter than those... ...new ASCA observations, the authors revisit the general problem of the contribution of low-luminosity spiral galaxies to the cosmic X-ray background (CXB) and assess their effect on the parameters...
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1/KWIC/4 (Item 4 from file: 2)
Abstract: ...based image compression schemes generate artifacts known as block effect. Many existing approaches concentrated on concealing the discontinuity around the block boundary regions to produce a visually more pleasant image with... ...in the image with their DC components coded error free. It then proceeds in a spiral scan fashion to exploit the maximum constraints imposed by the already updated neighboring blocks. After...
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1/KWIC/5 (Item 5 from file: 2)
Abstract: The highly inclined spiral galaxy NGC 4258 (M106) has been observed in X-rays with ROSAT. The following X... ...regions of NGC 4258 can be separated into 3 components: Seven pointlike sources in the spiral arms of NGC 4258 with total X-ray luminosity of 6*10/sup 38/ erg... ...emission specifically in the northwest side of the galaxy is strongly enhanced where the anomalous spiral arms have been detected in H alpha and radio. The soft halo gas emission has... ...the plateau, X-

ray emission corresponding to the anomalous arm in the southwest is more concealed by the halo emission. The Seyfert 1.9 nucleus of NGC 4258 is not detected...

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1/KWIC/6 (Item 1 from file: 8)

Abstract: ...AFD), and Level Cross Rate (LCR) channel's characteristics. Moreover, we propose a new Explicit Spiral -Interleaved (ESI) flexible macroblocks ordering technique, which outperforms all other FMO types. The new ESI... ...maximize the number of correctly received macroblocks located around corrupted macroblocks, leading to better error concealment . The proposed scheme greatly improves video transmission quality over lossy wireless transmission channels. Simulations results...

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1/KWIC/7 (Item 2 from file: 8)

Abstract: The proceedings contain 396 papers. The topics discussed include: error resilience and error concealment for embedded wavelet coders; effect of segmentation method on video retrieval performance; automatic segmentation of... ...channels in audio signals by perceptually insignificant component replacement; polyphonic audio key finding using the spiral array CEG algorithm; protocols for data-hiding based text document security and automatic processing; highlights...

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1/KWIC/8 (Item 3 from file: 8)

Title: A sequential error concealment technique based on spiral recovery order

Abstract: This paper presents a sequential error concealment (EC) method to combat the packet loss of the video/image transmission over the unreliable... ...and its neighborhood. To keep better pixel fidelity, the recovery process is conducted in a spiral manner. Experiments show that it outperforms the traditional classic EC method l-2db in PSNR...

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1/KWIC/9 (Item 4 from file: 8)

Abstract: ...the world. As it is today virtually impossible to focus only on national markets, the spiral of concentration in the steel industry is gathering more and more momentum. Concealed by the terms "re-engineering" or "tapping of synergies", the steel industry has begun to...

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1/KWIC/10 (Item 5 from file: 8)

Abstract: ...based image compression schemes generate artifacts known as block effect. Many existing approaches concentrated on concealing the discontinuity around the block boundary regions to produce a visually more pleasant image with... ...in the image with their DC components coded error free. It then proceeds in a spiral scan fashion to exploit the maximum constraints imposed by the already

updated neighboring blocks. After...

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1/KWIC/11 (Item 1 from file: 34)

Abstract: ...constitute 5 percent of the dynamical mass of the galaxy. Masks of negligible mass may conceal the human face - and that of galaxy. In the near-infrared, the morphology of older... ...arms and the pitch angle of the arms at K' of the early-type 'a' spiral NGC 718 are almost identical to those for the late-type 'c' spiral NGC 309. We demonstrate that galaxies on opposite ends of the tuning fork can display... ...that of NGC 5861, characterised in the optical as having one of the most regular spiral patterns known and of Elmegreen class 12. Both optically flocculent or grand design galaxies can...

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1/KWIC/12 (Item 2 from file: 34)

Abstract: We discuss the results of ASCA and ROSAT observations of the spiral galaxy NGC 3628, which has been previously classified as a starburst. However, X-ray variability... ...photon index Gamma similar to 1.2, the low statistical quality of the data may conceal a more complex spectrum. However, the observed spectrum appears to be much flatter than those... ...other new ASCA observations, we revisit the general problem of the contribution of low-luminosity spiral galaxies to the cosmic X-ray background (CXB) and assess their effect on the parameters...

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1/KWIC/13 (Item 1 from file: 35)

...to the contextual environment in which it occurs. Letting go is a transitional process of spiral mobility as the past is returned to (and repeated), to meet with the challenge of... ...entering the unknown, the familiar is held onto and while a façade evolves concealing the truth, there is a deceptive belief regarding personal stability. A struggle evolves in the...

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1/KWIC/14 (Item 1 from file: 65)

A Sequential Error Concealment Technique Based on Spiral Recovery Order

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1/KWIC/15 (Item 1 from file: 103)

Abstract: ...within the Milky Way is unfortunate in at least two respects, taking into account the concealment of the hub of the Galaxy and the impossibility to distinguish clearly the Milky Way's spiral arms. The significance of the Milky Way's flattened shape is considered along with the...

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1/KWIC/16 (Item 1 from file: 144)

We discuss the results of ASCA and ROSAT observations of the spiral galaxy NGC 3628, which has been previously classified as a starburst. However, X-ray variability...
... a photon index GAMMA similar 1.2, the low statistical quality of the data may conceal a more complex spectrum. However, the observed spectrum appears to be much flatter than those...
... other new ASCA observations, we revisit the general problem of the contribution of low-luminosity spiral galaxies to the cosmic X-ray background (CXB) and assess their effect on the parameters...

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1/9/10 (Item 5 from file: 8)
07109803 **E.I. No:** EIP95032616564
Title: New method for block effect removal in low bit-rate image compression

Author: Luo, Jiebo; Chen, Chang Wen; Parker, Kevin J.; Huang, Thomas S.
Corporate Source: Univ of Rochester, Rochester, NY, USA
Conference Title: Proceedings of the 1994 IEEE International Conference on Acoustics, Speech and Signal Processing. Part 5 (of 6)
Conference Location: Adelaide, Aust **Conference Date:** 19940419-19940422
Sponsor: IEEE
E.I. Conference No.: 42612
Source: Proceedings - ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing v 5 1994. IEEE, Piscataway, NJ, USA,94CH3387-8. p V-341-344
Publication Year: 1994
CODEN: IPRODJ **ISSN:** 0736-7791
Language: English
Document Type: CA; (Conference Article) **Treatment:** T; (Theoretical)
Journal Announcement: 9505W2
Abstract: At low bit-rate, most block-based image compression schemes generate artifacts known as block effect. Many existing approaches concentrated on concealing the discontinuity around the block boundary regions to produce a visually more pleasant image with no or little improvement in PSNR. We proposed a novel approach which attempts to recover the DC components of each block from the coded ones in order to calibrate the reference level for all the pixels within the block. The calibration of DC components starts from two anchor blocks centered in the image with their DC components coded error free. It then proceeds in a spiral scan fashion to exploit the maximum constraints imposed by the already updated neighboring blocks. After DC components calibration, a Huber-Markov random field model based POCS algorithm is applied to obtain good reconstruction both in terms of PSNR improvement and visual observation. (Author abstract) 9 Refs.
Descriptors: *Image compression; Algorithms; Random processes; Signal to noise ratio; Image reconstruction; Image coding; Calibration; Image quality; Signal filtering and prediction
Identifiers: Block effect removal; Huber Markov random model
Classification Codes:
723.2 (Data Processing); 723.1 (Computer Programming); 922.1 (Probability Theory)
723 (Computer Software); 922 (Statistical Methods)
72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS)
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